Dear Hiring Manager,

As a senior student majoring in Statistics, I am thrilled to have the opportunity to join the Redfin Team.  I was very impressed with Redfin map-search; the interface was easy to use (being able to draw on the map was a huge plus!) and the speed of the search was incredible.  I am confident that my technical skills and experience in data analysis as well as my perfectionist personality will make me the ideal candidate for your Data Scientist (Operations Analytics) position. I firmly believe that I will be an asset to your company in providing the best customer experience in real estate.

Since the beginning of university, I have developed an interest in statistics and data analysis and I am experienced with Excel, SQL, R, and Python.  Initially, I used Excel for basic manipulation of data.  More recently, I have been using advanced features like PivotTable and VLOOKUP to aggregate data from many sources in order to generate operation reports for ZE PowerGroup.  I am also experienced with many variations of SQL (MS SQL server, MySQL, PL/SQL).  In my previous job as a project data analyst, I have routinely written large and complex queries to gather information from a national medical records database.  Additionally, I use PL/SQL to automate data retrieval and processing.  In school, I have used R in many statistics courses for regression modeling, time series, and data mining/machine learning.  At my previous work, I've used R to build survival models for dementia research.  Finally, I've been learning Python for scripting and machine learning in my own spare time.

With my past experience as a project data analyst for the medical field, I know how to work in a team environment and coordinate with research scientists in a professional setting.  Additionally, at my current position of data analyst at ZE PowerGroup, I provide data solutions to various teams within the company including customer service and sales.  As such, I have learned how to communicate technical information to a general audience.  Furthermore, I am a fast learner and I am eager to acquire new skills.

I would be thrilled to learn more about this opportunity and how I can apply my technical skills to assist in data analysis for Redfin. Thank you for your consideration and I look forward to your response.

Sincerely,

Fei Fei Wang